IMS ™

intelligent motion systems, inc.
Excellence in Motion™

MD-CC100-000
Parameter Setup Cable
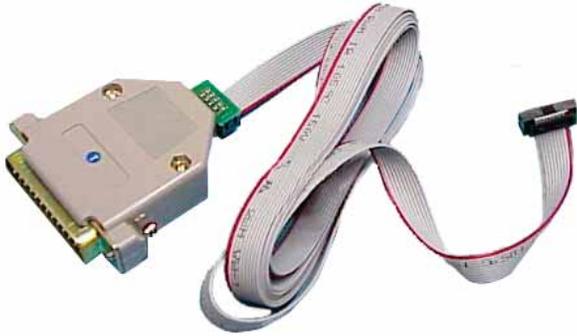
370 N. MAIN ST., PO BOX 457, MARLBOROUGH, CT 06447
PH: (860) 295-6102, FAX: (860) 295-6107
Internet: www.imshome.com, E-Mail: info@imshome.com

Parameter Setup Cable Usage

The MD-CC100-000 Parameter Setup Cable is designed to be used with the following IMS products:

MDrive14*
MDrive17 Microstepping* and Speed Control Versions
MDrive23 Microstepping* and Speed Control Versions
MDrive34 Microstepping and Speed Control Versions
USC-48-2 Universal Speed Control

* The MDrive14, MDrive17C and MDrive23C are equipped with C Connector and require an Adapter Cable to interface with the MD-CC100-000. The optional Prototype Development Cable is also recommended for these products.
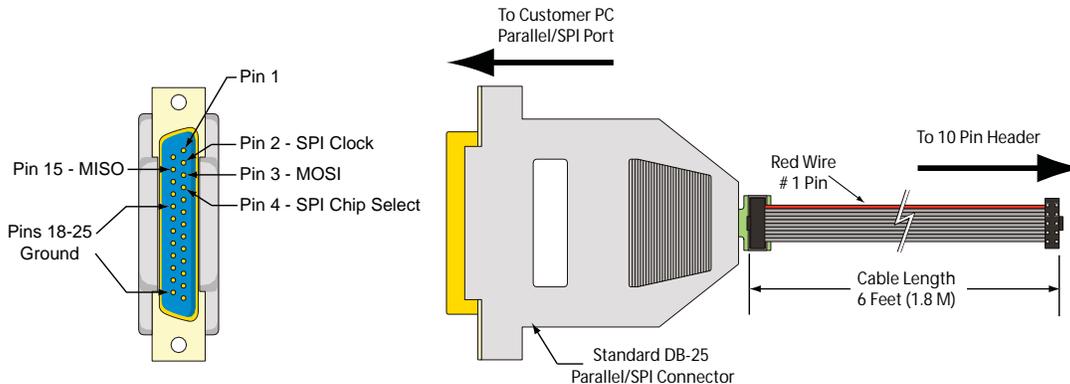
Description

The MD-CC100-000 Parameter Setup Cable eliminates the need for the user to wire communications to the IMS product. Included in this cable is built-in logic level shifting circuitry to accommodate the 3.3v ports on some PCs.

This cable plugs in easily to connect a standard DB-25 PC Parallel/SPI port to the 10 pin header.

SPI Pin Assignments

| 10 Pin Header		
Pin #	Pin Name	Description
1	N/C	No Connect
2	N/C	No Connect
3	N/C	No Connect
4	CS	Chip Select
5	GND	Communications Ground
6	+5VDC	+5VDC Output (See Warning Below)
7	MOSI	Master Out – Slave In
8	CLK	Clock
9	N/C	No Connect
10	MISO	Master In – Slave Out

⚠ WARNING! The +5VDC output is used for the setup cable **ONLY!** This output is not designed to power external devices!

⚠ WARNING! DO NOT connect or disconnect the MD-CC100-000 Parameter Setup Cable while power is applied!

SPI Interface
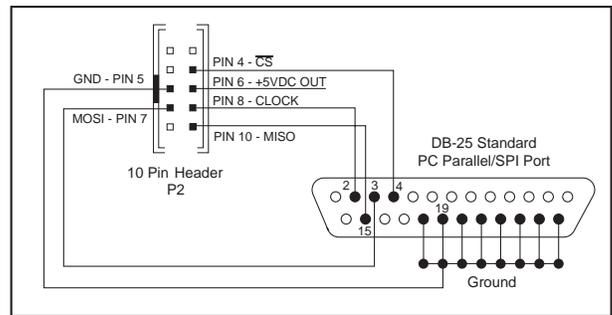
For More Information:
See each product's complete manual
on the IMS Product CD or at www.imshome.com

Details